

HISTORICAL TABLES

Table 25a. **Federal R&D obligations, by selected budget function: fiscal years 1955–60**

Budget function	1955	1956	1957	1958	1959	1960
[In millions of dollars]						
Total.....	2,533	2,988	3,932	4,570	6,694	7,522
National defense.....	2,151	2,535	3,327	3,801	5,556	6,107
Health.....	67	83	140	177	233	305
All other functions.....	315	370	465	592	904	1,140
[In millions of constant FY 1996 dollars]						
Total.....	12,910	14,836	18,822	21,236	30,608	34,005
National defense.....	10,963	12,587	15,926	17,663	25,405	27,608
Health.....	341	412	670	822	1,065	1,379
All other functions.....	1,606	1,837	2,226	2,751	4,134	5,154

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" and supplemental data obtained from agencies' budget offices.

Table 25b. Federal R&D obligations, by selected budget function: fiscal years 1961–66

Budget function	1961	1962	1963	1964	1965	1966
[In millions of dollars]						
Total.....	9,059	10,290	12,495	14,225	14,614	15,320
National defense.....	7,005	7,238	7,764	7,829	7,342	7,536
Health.....	405	551	626	728	792	900
Space research and technology.....	777	1,413	2,812	4,241	4,887	4,976
Energy.....	373	448	515	571	585	575
General science.....	137	187	246	277	304	377
Natural resources and environment.....	73	108	120	134	159	189
Transportation.....	55	101	142	122	147	251
Agriculture.....	125	136	146	165	195	201
All other functions.....	108	107	125	160	203	315
[In millions of constant FY 1996 dollars]						
Total.....	40,388	45,370	54,373	61,183	61,767	63,384
National defense.....	31,230	31,914	33,786	33,673	31,031	31,179
Health.....	1,806	2,429	2,724	3,131	3,347	3,724
Space research and technology.....	3,464	6,230	12,237	18,241	20,655	20,588
Energy.....	1,663	1,975	2,241	2,456	2,473	2,379
General science.....	611	825	1,070	1,191	1,285	1,560
Natural resources and environment.....	325	476	522	576	672	782
Transportation.....	245	445	618	525	621	1,038
Agriculture.....	557	600	635	710	824	832
All other functions.....	481	472	544	688	858	1,303

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" and supplemental data obtained from agencies' budget offices.

Table 25c. Federal R&D obligations, by budget function: fiscal years 1967–72

Budget function	1967	1968	1969	1970	1971	1972
[In millions of dollars]						
Total.....	16,529	15,921	15,641	15,339	15,543	16,496
National defense.....	8,566	8,275	8,356	7,981	8,110	8,902
Health.....	915	1,021	1,088	1,084	1,288	1,547
Space research and technology.....	4,778	4,304	3,799	3,606	3,048	2,932
Energy.....	600	657	597	574	556	574
General science.....	409	437	433	452	513	625
Natural resources and environment.....	320	331	323	340	416	479
Transportation.....	380	304	404	535	728	558
Agriculture.....	218	217	221	238	259	294
Education, training, employment, and social services.....	154	166	169	164	215	235
International affairs.....	18	17	26	32	32	29
Veterans benefits and services.....	41	45	50	59	63	69
Commerce and housing credit.....	43	48	54	79	90	50
Community and regional development.....	37	44	32	47	65	66
Administration of justice.....	*	1	5	9	10	23
Income security.....	48	50	78	136	145	106
General government.....	3	5	5	6	7	8
[In millions of constant FY 1996 dollars]						
Total.....	66,275	61,614	57,908	53,840	51,949	52,669
National defense.....	34,346	32,024	30,937	28,013	27,106	28,423
Health.....	3,669	3,951	4,028	3,805	4,305	4,939
Space research and technology.....	19,158	16,656	14,065	12,657	10,187	9,361
Energy.....	2,406	2,543	2,210	2,015	1,858	1,833
General science.....	1,640	1,691	1,603	1,587	1,715	1,996
Natural resources and environment.....	1,283	1,281	1,196	1,193	1,390	1,529
Transportation.....	1,524	1,176	1,496	1,878	2,433	1,782
Agriculture.....	874	840	818	835	866	939
Education, training, employment, and social services.....	617	642	626	576	719	750
International affairs.....	72	66	96	112	107	93
Veterans benefits and services.....	164	174	185	207	211	220
Commerce and housing credit.....	172	186	200	277	301	160
Community and regional development.....	148	170	118	165	217	211
Administration of justice.....	*	4	19	32	33	73
Income security.....	192	193	289	477	485	338
General government.....	12	19	19	21	23	26

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

KEY: * = Less than \$500,000.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" and supplemental data obtained from agencies' budget offices.

Table 25d. Federal R&D obligations, by budget function: fiscal years 1973–77

Budget function	1973	1974	1975	1976	1977
[In millions of dollars]					
Total.....	16,800	17,410	19,039	20,780	23,450
National defense.....	9,002	9,016	9,679	10,430	11,864
Health.....	1,585	2,069	2,170	2,351	2,629
Space research and technology.....	2,824	2,702	2,764	3,130	2,832
Energy.....	630	759	1,363	1,649	2,562
General science.....	658	749	813	858	974
Natural resources and environment.....	554	516	624	683	753
Transportation.....	572	693	635	631	708
Agriculture.....	308	313	342	383	457
Education, training, employment, and social services.....	290	236	239	255	230
International affairs.....	28	24	29	42	66
Veterans benefits and services.....	74	85	95	98	107
Commerce and housing credit.....	50	51	65	69	71
Community and regional development.....	78	82	93	109	101
Administration of justice.....	33	35	44	35	30
Income security.....	106	71	72	48	55
General government.....	7	9	12	12	13
[In millions of constant FY 1996 dollars]					
Total.....	51,360	49,686	49,235	50,193	52,685
National defense.....	27,521	25,731	25,030	25,193	26,655
Health.....	4,846	5,905	5,612	5,679	5,907
Space research and technology.....	8,633	7,711	7,148	7,560	6,363
Energy.....	1,926	2,166	3,525	3,983	5,756
General science.....	2,012	2,138	2,102	2,072	2,188
Natural resources and environment.....	1,694	1,473	1,614	1,650	1,692
Transportation.....	1,749	1,978	1,642	1,524	1,591
Agriculture.....	942	893	884	925	1,027
Education, training, employment, and social services.....	887	674	618	616	517
International affairs.....	86	68	75	101	148
Veterans benefits and services.....	226	243	246	237	240
Commerce and housing credit.....	153	146	168	167	160
Community and regional development.....	238	234	240	263	227
Administration of justice.....	101	100	114	85	67
Income security.....	324	203	186	116	124
General government.....	21	26	31	29	29

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" and supplemental data obtained from agencies' budget offices.

Table 25e. Federal R&D budget authority, by budget function: fiscal years 1978–83

Budget function	1978	1979	1980	1981	1982	1983
[In millions of dollars]						
Total.....	25,976	28,208	29,739	33,735	36,115	38,768
National defense.....	12,899	13,791	14,946	18,413	22,070	24,936
Health.....	2,968	3,401	3,694	3,871	3,869	4,298
Space research and technology.....	2,939	3,136	2,738	3,111	2,584	2,134
Energy.....	3,134	3,461	3,603	3,501	3,012	2,578
General science.....	1,050	1,119	1,233	1,340	1,359	1,502
Natural resources and environment.....	904	1,010	999	1,061	965	952
Transportation.....	768	798	887	869	791	876
Agriculture.....	501	552	585	659	693	745
Education, training, employment, and social services.....	345	354	468	298	228	189
International affairs.....	57	117	125	160	165	177
Veterans benefits and services.....	111	123	126	143	139	157
Commerce and housing credit	77	93	101	106	104	107
Community and regional development.....	92	127	119	104	63	44
Administration of justice.....	44	47	45	34	31	37
Income security.....	67	57	47	43	32	32
General government.....	20	23	22	22	10	6
[In millions of constant FY 1996 dollars]						
Total.....	54,617	54,858	53,115	54,925	54,953	56,505
National defense.....	27,122	26,820	26,694	29,979	33,582	36,345
Health.....	6,241	6,614	6,598	6,303	5,887	6,264
Space research and technology.....	6,180	6,099	4,890	5,065	3,932	3,110
Energy.....	6,590	6,731	6,435	5,700	4,583	3,757
General science.....	2,208	2,176	2,202	2,182	2,068	2,189
Natural resources and environment	1,901	1,964	1,784	1,727	1,468	1,388
Transportation.....	1,615	1,552	1,584	1,415	1,204	1,277
Agriculture.....	1,053	1,074	1,045	1,073	1,054	1,086
Education, training, employment, and social services.....	725	688	836	485	347	275
International affairs.....	120	228	223	261	251	258
Veterans benefits and services.....	233	239	225	233	212	229
Commerce and housing credit.....	162	181	180	173	158	156
Community and regional development.....	193	247	213	169	96	64
Administration of justice.....	93	91	80	55	47	54
Income security.....	141	111	84	70	49	47
General government.....	42	45	39	36	15	9

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities," and supplemental data obtained from agencies' budget offices.

Table 25f. Federal R&D budget authority, by budget function: fiscal years 1984–89

Budget function	1984	1985	1986	1987	1988	1989
[In millions of dollars]						
Total.....	44,214	49,887	53,249	57,069	59,106	62,115
National defense.....	29,287	33,698	36,926	39,152	40,099	40,665
Health.....	4,779	5,418	5,565	6,556	7,076	7,773
Space research and technology.....	2,300	2,725	2,894	3,398	3,683	4,555
Energy.....	2,581	2,389	2,286	2,053	2,126	2,419
General science.....	1,676	1,862	1,873	2,042	2,160	2,373
Natural resources and environment.....	963	1,059	1,062	1,133	1,160	1,255
Transportation.....	1,040	1,030	917	908	896	1,064
Agriculture.....	762	836	815	822	882	907
Education, training, employment, and social services.....	200	220	248	267	285	347
International affairs.....	192	210	211	223	224	279
Veterans benefits and services.....	218	193	183	215	195	212
Commerce and housing credit.....	110	114	111	110	122	128
Community and regional development.....	46	50	88	99	108	74
Administration of justice.....	24	47	41	49	51	45
Income security.....	26	21	14	25	23	27
General government.....	8	17	14	17	17	15
[In millions of constant FY 1996 dollars]						
Total.....	62,151	67,883	70,753	73,799	74,012	74,901
National defense.....	41,168	45,854	49,065	50,630	50,212	49,035
Health.....	6,718	7,372	7,394	8,478	8,861	9,373
Space research and technology.....	3,233	3,708	3,845	4,394	4,612	5,493
Energy.....	3,628	3,251	3,037	2,655	2,662	2,917
General science.....	2,356	2,534	2,489	2,641	2,705	2,861
Natural resources and environment.....	1,354	1,441	1,411	1,465	1,453	1,513
Transportation.....	1,462	1,402	1,218	1,174	1,122	1,283
Agriculture.....	1,071	1,138	1,083	1,063	1,104	1,094
Education, training, employment, and social services.....	281	299	330	345	357	418
International affairs.....	270	286	280	288	280	336
Veterans benefits and services.....	306	263	243	278	244	256
Commerce and housing credit.....	155	155	147	142	153	154
Community and regional development.....	65	68	117	128	135	89
Administration of justice.....	34	64	54	63	64	54
Income security.....	37	29	19	32	29	33
General government.....	11	23	19	22	21	18

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCE: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" and supplemental data obtained from agencies' budget offices.

Table 25g. **Federal R&D budget authority, by budget function: fiscal years 1990–95**

Budget function	1990	1991	1992	1993	1994	1995
[In millions of dollars]						
Total.....	63,781	65,898	68,398	69,884	68,331	68,791
National defense.....	39,925	39,328	40,061	41,249	37,764	37,204
Health.....	8,308	9,226	10,055	10,280	10,993	11,407
Space research and technology.....	5,765	6,511	6,744	6,988	7,414	7,916
Energy.....	2,726	2,953	3,153	2,677	2,873	2,844
General science.....	2,410	2,635	2,659	2,691	2,712	2,794
Natural resources and environment.....	1,386	1,582	1,688	1,802	2,062	1,988
Transportation.....	1,045	1,231	1,523	1,703	1,888	1,833
Agriculture.....	950	1,052	1,155	1,152	1,193	1,194
Education, training, employment, and social services.....	374	433	365	348	373	369
International affairs.....	375	378	371	382	254	287
Veterans benefits and services.....	216	219	245	250	265	257
Commerce and housing credit.....	140	178	192	220	380	525
Community and regional development.....	67	88	95	57	68	70
Administration of justice.....	44	51	51	49	46	59
Income security.....	33	30	37	36	45	43
General government.....	17	4	4	*	0	1
[In millions of constant FY 1996 dollars]						
Total.....	74,121	73,711	74,556	74,400	71,207	70,166
National defense.....	46,397	43,991	43,668	43,915	39,354	37,948
Health.....	9,655	10,320	10,960	10,944	11,456	11,635
Space research and technology.....	6,700	7,282	7,351	7,440	7,726	8,074
Energy.....	3,168	3,303	3,437	2,850	2,994	2,901
General science.....	2,801	2,947	2,898	2,864	2,826	2,849
Natural resources and environment.....	1,611	1,769	1,840	1,918	2,149	2,028
Transportation.....	1,214	1,377	1,660	1,813	1,968	1,870
Agriculture.....	1,104	1,177	1,259	1,226	1,244	1,218
Education, training, employment, and social services.....	435	484	398	371	389	376
International affairs.....	436	423	404	407	265	293
Veterans benefits and services.....	251	245	267	267	276	262
Commerce and housing credit.....	163	200	209	234	396	536
Community and regional development.....	78	99	104	61	70	71
Administration of justice.....	51	57	55	52	48	60
Income security.....	38	33	40	39	47	44
General government.....	20	4	4	*	0	1

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant FY 1996 dollars.

KEY: * = Less than \$500,000.

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; agency budget justification documents; and supplemental data obtained from agencies' budget offices.

Table 25h. Federal R&D budget authority, by budget function: fiscal years 1996–2003

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Budget function	1996	1997	1998	1999	2000	2001	2002 preliminary	2003 proposed
[In millions of dollars]								
Total.....	69,049	71,653	73,569	77,637	78,664	86,756	98,029	107,057
National defense.....	37,801	39,591	39,823	41,306	42,580	45,713	52,922	58,259
Health.....	11,867	12,670	13,576	15,553	17,869	20,758	23,654	26,615
Space research and technology ¹	7,844	7,844	8,198	8,245	5,363	6,126	6,556	7,435
Energy ²	2,521	2,372	948	1,131	996	1,314	1,547	1,408
General science ²	2,846	2,944	4,360	4,690	4,977	5,468	5,717	5,890
Natural resources and environment.....	1,802	1,886	1,855	1,842	1,999	2,096	2,159	2,136
Transportation.....	1,795	1,785	1,833	1,725	1,636	1,640	1,696	1,554
Agriculture.....	1,176	1,203	1,249	1,288	1,426	1,657	1,703	1,703
Education, training, employment, and social services.....	331	373	444	403	418	411	417	484
International affairs.....	252	190	163	190	200	252	268	182
Veterans benefits and services ³	259	267	587	644	645	719	761	810
Commerce and housing credit.....	432	409	398	432	406	429	444	387
Community and regional development.....	50	48	42	59	46	54	48	48
Administration of justice.....	56	59	72	88	73	88	98	114
Income security.....	16	9	18	38	25	30	37	30
General government.....	2	2	2	3	6	3	3	3
[In millions of constant FY 1996 dollars]								
Total.....	69,049	70,283	71,157	74,124	73,586	79,323	87,706	94,091
National defense.....	37,801	38,834	38,517	39,436	39,832	41,796	47,349	51,203
Health.....	11,867	12,428	13,131	14,849	16,715	18,980	21,163	23,392
Space research and technology ¹	7,844	7,694	7,929	7,872	5,017	5,601	5,865	6,534
Energy ²	2,521	2,326	917	1,080	931	1,201	1,384	1,237
General science ²	2,846	2,888	4,217	4,477	4,655	4,999	5,115	5,177
Natural resources and environment.....	1,802	1,850	1,794	1,758	1,870	1,916	1,932	1,877
Transportation.....	1,795	1,751	1,773	1,647	1,531	1,499	1,517	1,365
Agriculture.....	1,176	1,180	1,208	1,230	1,334	1,515	1,524	1,497
Education, training, employment, and social services.....	331	366	429	385	391	376	373	425
International affairs.....	252	186	158	181	187	230	240	160
Veterans benefits and services ³	259	262	568	615	603	657	681	712
Commerce and housing credit.....	432	401	385	412	380	392	397	340

See explanatory notes and SOURCES at end of table.

Table 25h. Federal R&D budget authority, by budget function: fiscal years 1996–03

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Budget function	1996	1997	1998	1999	2000	2001	2002 preliminary	2003 proposed
[In millions of dollars]								
Community and regional development.....	50	47	41	56	43	49	43	42
Administration of justice.....	56	58	70	84	68	80	88	100
Income security.....	16	9	17	36	23	27	33	26
General government.....	2	2	2	3	6	3	3	3

¹ In FY 2000, NASA reclassified Space Station as a physical asset and Space Station research as equipment and transferred funding for the Space Station program from R&D to R&D plant (details on NASA data are shown in table 11).

² Beginning in FY 1998, a number of Department of Energy programs were reclassified from energy (270) to general science (251).

³ Beginning in FY 1998, the Department of Veterans Affairs (VA) was required to report medical care support funds as part of VA's total research budgetary resources.

NOTES: Data for 1996–2001 are actual budget authority. Data for 2002 are preliminary estimates, and data for 2003 are proposed based on fiscal year 2003 budget. Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; agency budget justification documents; and supplemental data obtained from agencies' budget offices.

Table 26a. Federal budget authority for basic research, by budget function: fiscal years 1978–83

Budget function	1978	1979	1980	1981	1982	1983
[In millions of dollars]						
Total.....	3,665	4,108	4,716	5,107	5,305	6,247
National defense.....	320	365	552	610	696	788
Health.....	1,246	1,579	1,761	1,951	1,953	2,475
Space research and technology.....	412	440	482	445	434	501
Energy.....	157	172	200	220	260	320
General science.....	962	1,026	1,152	1,256	1,296	1,439
Natural resources and environment.....	207	131	136	131	139	156
Transportation.....	70	75	79	89	102	117
Agriculture.....	197	222	246	281	295	326
Education, training, employment, and social services.....	57	59	61	66	78	70
International affairs.....	*	0	0	12	10	10
Veterans benefits and services.....	9	10	14	15	13	14
Commerce and housing credit.....	9	10	15	17	17	19
Community and regional development.....	8	8	8	5	7	6
Administration of justice.....	10	10	9	5	4	4
Income security.....	2	1	1	3	0	0
General government.....	0	*	*	3	2	3
[In millions of constant FY 1996 dollars]						
Total.....	7,706	7,989	8,423	8,315	8,072	9,105
National defense.....	673	710	986	993	1,059	1,149
Health.....	2,620	3,071	3,145	3,176	2,972	3,607
Space research and technology.....	866	856	861	725	660	730
Energy.....	330	335	357	358	396	466
General science.....	2,023	1,995	2,058	2,045	1,972	2,097
Natural resources and environment.....	435	255	243	213	212	227
Transportation.....	147	146	141	145	155	171
Agriculture.....	414	432	439	458	449	475
Education, training, employment, and social services.....	120	115	109	107	119	102
International affairs.....	*	0	0	20	15	15
Veterans benefits and services.....	19	19	25	24	20	20
Commerce and housing credit.....	19	19	27	28	26	28
Community and regional development.....	17	16	14	8	11	9
Administration of justice.....	21	19	16	8	6	6
Income security.....	4	2	2	5	0	0
General government.....	0	*	*	5	3	4

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

KEY: * = Less than \$500,000.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" agency budget justification documents; and supplemental data obtained from agencies' budget offices.

Table 26b. Federal budget authority for basic research, by budget function: fiscal years 1984–89

Budget function	1984	1985	1986	1987	1988	1989
[In millions of dollars]						
Total.....	7,072	7,810	8,193	9,021	9,553	10,648
National defense.....	845	856	960	900	905	965
Health.....	2,813	3,243	3,324	3,851	4,087	4,413
Space research and technology.....	646	498	737	843	944	1,099
Energy.....	365	428	456	511	571	703
General science.....	1,606	1,779	1,795	1,942	2,061	2,265
Natural resources and environment.....	192	206	204	206	210	331
Transportation.....	125	255	184	231	197	287
Agriculture.....	353	406	390	397	428	433
Education, training, employment, and social services.....	77	86	83	78	83	92
International affairs.....	3	4	5	3	3	3
Veterans benefits and services.....	15	15	15	17	17	16
Commerce and housing credit.....	20	23	26	26	28	29
Community and regional development.....	5	6	6	4	7	3
Administration of justice.....	5	4	5	8	8	7
Income security.....	0	0	0	0	0	0
General government.....	3	4	5	4	5	3
[In millions of constant FY 1996 dollars]						
Total.....	9,941	10,627	10,886	11,666	11,962	12,840
National defense.....	1,188	1,165	1,276	1,164	1,133	1,164
Health.....	3,954	4,413	4,417	4,980	5,118	5,321
Space research and technology.....	908	678	979	1,090	1,182	1,325
Energy.....	513	582	606	661	715	848
General science.....	2,258	2,421	2,385	2,511	2,581	2,731
Natural resources and environment.....	270	280	271	266	263	399
Transportation.....	176	347	244	299	247	346
Agriculture.....	496	552	518	513	536	522
Education, training, employment, and social services.....	108	117	110	101	104	111
International affairs.....	4	5	7	4	4	4
Veterans benefits and services.....	21	20	20	22	21	19
Commerce and housing credit.....	28	31	35	34	35	35
Community and regional development.....	7	8	8	5	9	4
Administration of justice.....	7	5	7	10	10	8
Income security.....	0	0	0	0	0	0
General government.....	4	5	7	5	6	4

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, Circular No. A-11, Exhibit 44A, "Research and Development Activities;" agency budget justification documents; and supplemental data obtained from agencies' budget offices.

Table 26c. **Federal budget authority for basic research, by budget function: fiscal years 1990–95**

Budget function	1990	1991	1992	1993	1994	1995
[In millions of dollars]						
Total.....	11,288	12,405	12,973	13,440	13,552	13,772
National defense.....	964	1,188	1,147	1,323	1,174	1,181
Health.....	4,661	5,021	5,506	5,700	5,889	6,068
Space research and technology.....	1,389	1,479	1,499	1,588	1,796	1,614
Energy.....	761	878	921	917	921	930
General science.....	2,306	2,526	2,532	2,553	2,542	2,622
Natural resources and environment.....	336	389	383	376	224	187
Transportation.....	242	246	266	238	220	389
Agriculture.....	456	486	528	553	567	565
Education, training, employment, and social services.....	106	115	118	121	145	153
International affairs.....	4	6	6	8	6	0
Veterans benefits and services.....	16	16	16	16	16	16
Commerce and housing credit.....	31	39	35	34	38	35
Community and regional development.....	3	10	11	10	9	3
Administration of justice.....	9	6	5	5	5	9
Income security.....	0	0	0	0	0	0
General government.....	3	0	0	0	0	0
[In millions of constant FY 1996 dollars]						
Total.....	13,118	13,876	14,141	14,308	14,123	14,047
National defense.....	1,120	1,329	1,250	1,408	1,224	1,205
Health.....	5,417	5,616	6,002	6,068	6,137	6,189
Space research and technology.....	1,614	1,654	1,634	1,690	1,872	1,647
Energy.....	884	982	1,004	976	960	949
General science.....	2,680	2,826	2,760	2,717	2,649	2,675
Natural resources and environment.....	390	435	417	400	233	190
Transportation.....	281	275	290	254	229	397
Agriculture.....	530	544	576	589	591	576
Education, training, employment, and social services.....	123	129	129	129	151	156
International affairs.....	5	7	7	9	6	0
Veterans benefits and services.....	19	18	17	17	17	16
Commerce and housing credit.....	36	44	38	37	40	36
Community and regional development.....	3	11	12	11	9	3
Administration of justice.....	10	7	5	5	6	9
Income security.....	0	0	0	0	0	0
General government.....	3	0	0	0	0	0

NOTES: Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; agency budget justification documents; and supplemental data obtained from agencies' budget offices.

Table 26d. **Federal budget authority for basic research, by budget function: fiscal years 1996–03**

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Budget function	1996	1997	1998	1999	2000	2001	2002 preliminary	2003 proposed
[In millions of dollars]								
Total.....	14,442	14,961	15,523	17,433	19,470	21,376	23,635	25,499
National defense.....	1,165	1,090	1,067	1,110	1,184	1,303	1,392	1,383
Health.....	6,395	6,852	7,356	8,634	10,099	11,642	13,193	14,379
Space research and technology.....	1,685	1,653	1,610	1,667	1,616	1,695	1,967	2,361
Energy ¹	1,182	1,288	34	36	36	40	68	57
General science ¹	2,662	2,753	4,121	4,464	4,722	5,187	5,398	5,649
Natural resources and environment.....	147	153	145	142	146	215	220	208
Transportation.....	456	420	411	358	542	17	13	25
Agriculture.....	547	548	571	602	651	749	808	831
Education, training, employment, and social services.....	140	142	133	99	107	112	115	117
International affairs.....	2	2	1	0	42	50	53	39
Veterans benefits and services ²	13	14	23	263	266	289	329	351
Commerce and housing credit.....	37	34	35	41	39	50	52	73
Community and regional development.....	0	0	0	0	0	0	0	0
Administration of justice.....	12	13	16	18	20	27	27	25
Income security.....	0	0	0	0	0	0	0	0
General government.....	0	0	0	0	0	0	0	0
[In millions of constant FY 1996 dollars]								
Total.....	14,442	14,675	15,014	16,644	18,213	19,544	21,146	22,411
National defense.....	1,165	1,069	1,032	1,059	1,107	1,191	1,246	1,215
Health.....	6,395	6,721	7,115	8,244	9,447	10,644	11,804	12,637
Space research and technology.....	1,685	1,621	1,557	1,591	1,512	1,550	1,760	2,075
Energy ¹	1,182	1,263	33	34	34	36	61	50
General science ¹	2,662	2,700	3,985	4,262	4,417	4,743	4,830	4,965
Natural resources and environment.....	147	150	141	136	137	197	197	183
Transportation.....	456	412	398	342	507	16	12	22
Agriculture.....	547	537	552	575	609	685	723	730
Education, training, employment, and social services.....	140	139	129	95	100	102	103	103
International affairs.....	2	2	1	0	39	46	47	34
Veterans benefits and services ²	13	14	23	251	249	264	294	309
Commerce and housing credit.....	37	33	34	39	36	46	47	64

See explanatory notes and SOURCES at end of table

Table 26d. **Federal budget authority for basic research, by budget function: fiscal years 1996–03**

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Budget function	1996	1997	1998	1999	2000	2001	2002 preliminary	2003 proposed
[In millions of dollars]								
Community and regional development.....	0	0	0	0	0	0	0	0
Administration of justice.....	12	13	15	17	19	25	24	22
Income security.....	0	0	0	0	0	0	0	0
General government.....	0	0	0	0	0	0	0	0

¹ Beginning in FY 1998, a number of Department of Energy programs were reclassified from energy (270) to general science (251).

² The Department of Veterans Affairs (VA) submission to Office of Management, MAX Schedule C included both VA's medical care and research accounts. Also, prior to 1999, many of the VA R&D costs were counted as R&D facilities and therefore were not included in this table. Starting in 1999, the costs were shifted from R&D facilities to conduct of R&D due to a reclassification within R&D.

NOTES: Data for 1996–2001 are actual budget authority. Data for 2002 are preliminary estimates, and data for 2003 are proposed based on the fiscal year 2003 budget. Because of rounding, components may not add to totals. GDP implicit price deflators used to convert current dollars to constant 1996 dollars.

SOURCES: Agencies' submissions to Office of Management and Budget, MAX Schedule C; agency budget justification documents; and supplemental data obtained from agencies' budget offices.